

PL Series/PS Series Type B DIM Module Installation Guide

The DIM module is memory module made by Pro-face for use with its PL Series Panel Computers (hereafter referred to as the "PL") and Built-in Computers (hereafter referred to as the "PS-B").

For the details of the applicable models, please refer to each unit's User Manual (Hardware Manual) or Pro-face Home Page.

URL

<http://www.pro-face.com/>

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Pro-face: Digital Electronics Corporation (in Japan and other countries)



WARNINGS

- **Be sure to check that the PL/PS-B unit's power is disconnected before installing the unit, in order to prevent an electrical shock.**
- **Do not attempt to modify the DIM module, due to the dangers of shock and fire.**
- **When installing the DIM module, be sure to read this guide's sections 1. and 2. completely to insure that the DIM module is correctly installed.**

To Prevent Accidents

- Be sure water, liquids or metal particles are not allowed to enter the unit. Any of these may cause either a breakdown or an electrical shock.
- Do not place or store this unit in a location where there is direct sunlight, excessive heat, dust or vibration.
- Do not store or operate this unit near chemicals, or where there are chemical fumes.
- Do not use the DIM module in locations where corrosive gasses are present.
- Be careful of static electricity when removing the DIM module from its static-resistant package.
- Be sure not to touch the DIM module's contact terminals. Touching them with a bare finger can lead to corrosion.

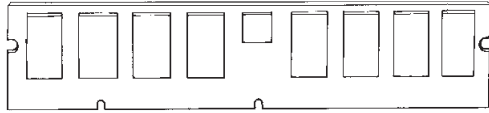
Unit Disposal

- When the product is disposed of, it should be done so according to your country's regulations for similar types of industrial waste.

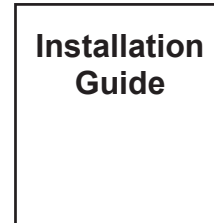
Package Contents

Please check that the following items are all included in your package.

■ DIM Module (1)



■ Installation Guide (This Guide)



Pro-face has taken the utmost care to insure the quality of this product when it was shipped, however, should for any reason problems or damage have occurred during shipping, please contact your Pro-face representative immediately for service.

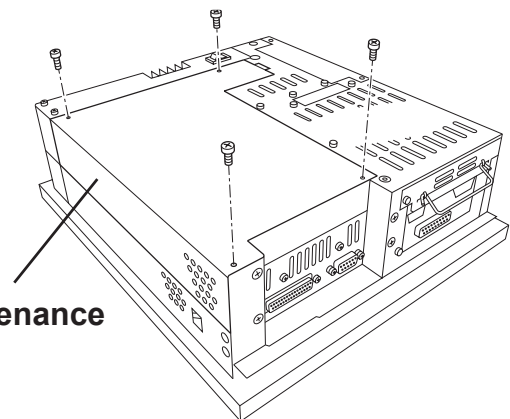
1 Removing the Cover



Be careful when removing the rear maintenance cover for PL-5900/PL-5910/PL-X920 Series Units. It is made from aluminum and is easily bent.

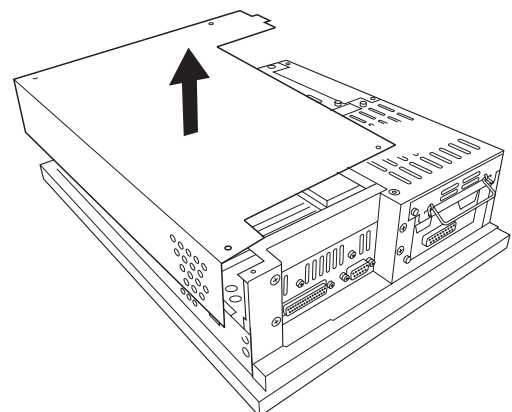
■ For PL-5900/PL-5910 Series Units

- 1) Unscrew the four (4) attachment screws used to secure the rear maintenance cover and half cover in place.



Rear Maintenance Cover

- 2) Remove the rear maintenance cover by lifting the cover in the direction shown.



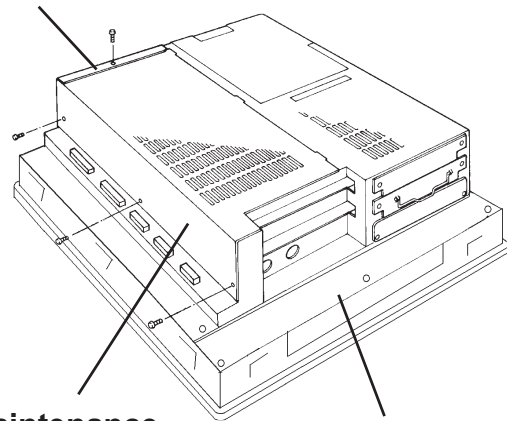
■ For PL-X920 Series Units

- 1) Unscrew the four (4) attachment screws used to secure the rear maintenance cover and half cover in place.



Remove the rear maintenance cover first, then the half cover.

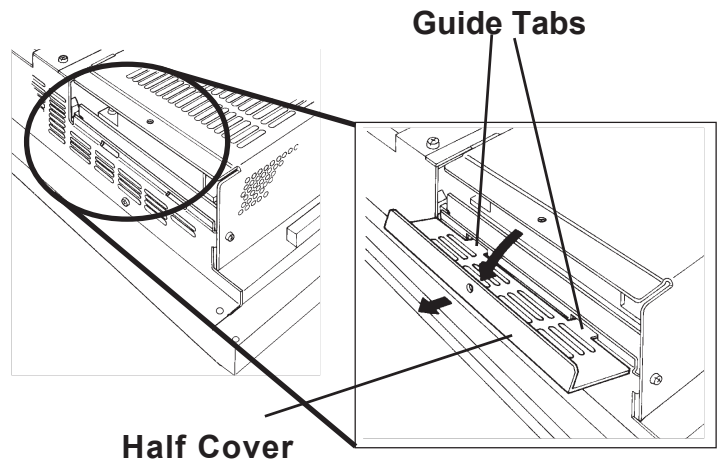
Half Cover



Rear Maintenance Cover

PL-X920 Series, 2 slot type

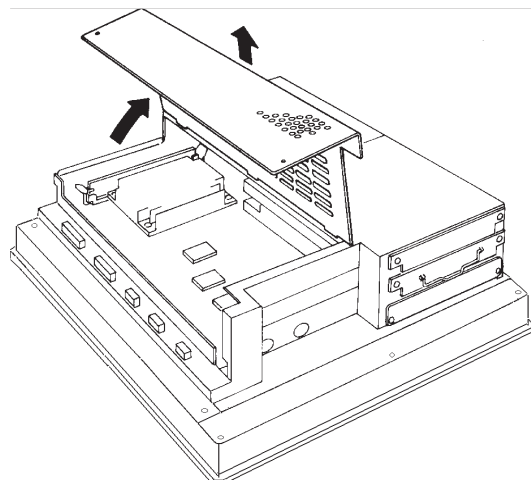
- 2) Pivot the half cover open and lift up slightly to free the guide tabs. Next, remove the half cover.



Guide Tabs

Half Cover

- 3) Remove the rear maintenance cover.

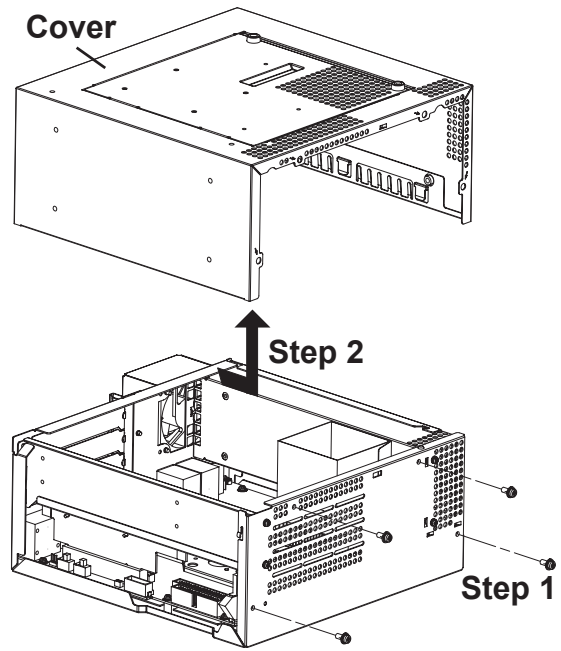


Refer to your PL unit's User Manual for information about removing the Rear Maintenance Cover.

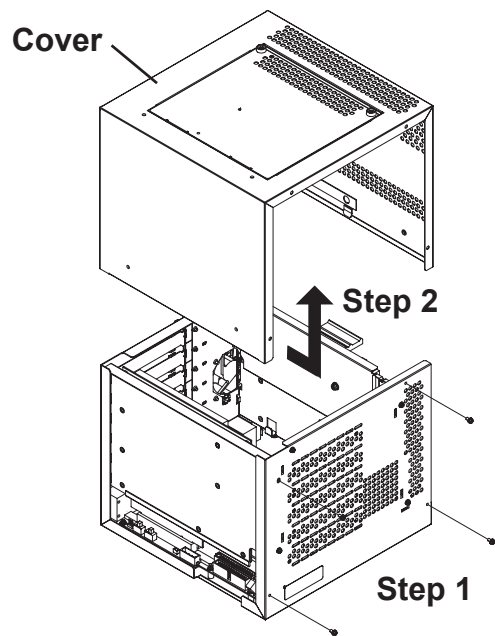
■ For PS-2000B Series Units

1) Lay the PS-B unit on its side and unscrew the four (4) cover attachment screws.

2) Slide the cover horizontally in the direction shown by the arrow (see diagram) and lift it up from the PS-B unit.



<3 slots type>

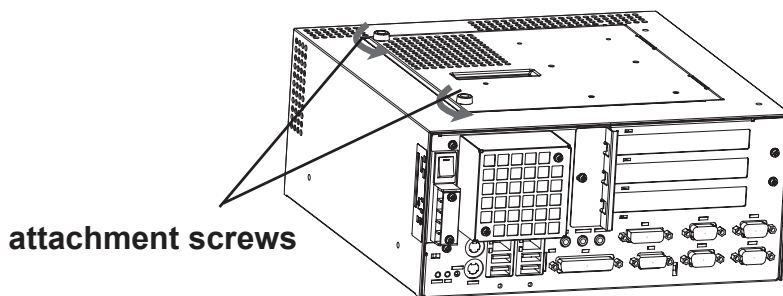


<6 slots type>

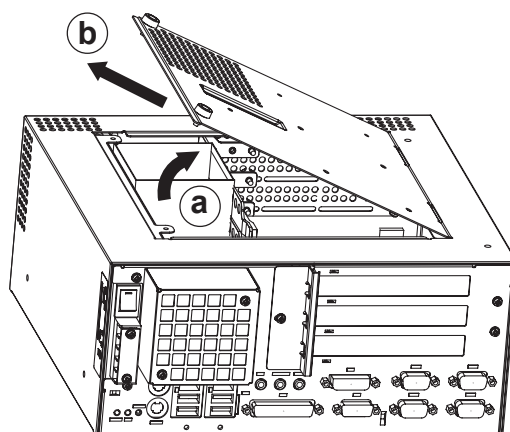
You can also remove only the maintenance cover and install the DIM module.

To do this, please perform the following steps.

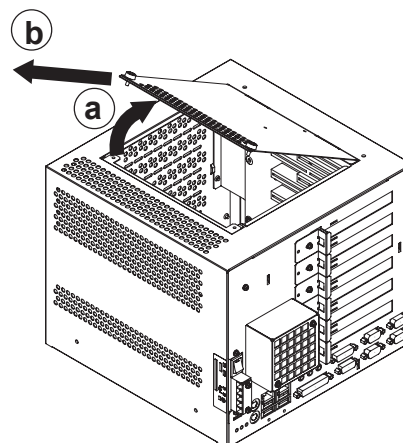
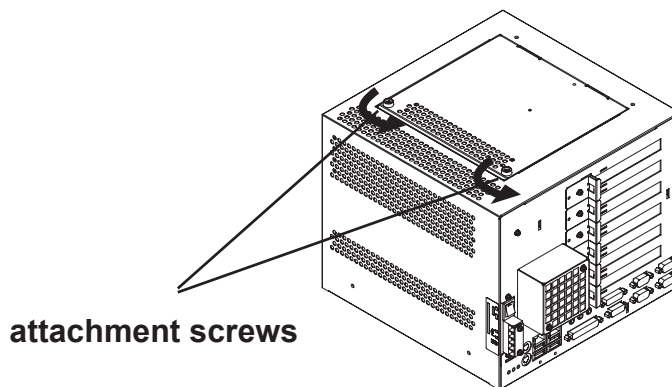
1) Loosen the two (2) maintenance cover attachment screws.



2) Tilt the maintenance cover up as shown by the arrow (a) and lift it out in the direction shown by the arrow (b) (see diagram).



<4 slots type>



<3 slots type>

2 Installing the DIM Module

The PL unit has two (2) module sockets and the PS-B unit has one (1). Use the following procedure to install a DIM module in your PL/PS-B unit.



Note: Be aware that commercial DIM module specifications may differ from modules made by Digital Electronics Corporation and their performance cannot be guaranteed.



WARNINGS

To prevent an electric shock or PL/PS-B unit damage, confirm that the PL/PS-B unit's power switch has been turned OFF before installing the DIM module.



Since DIM module sockets are fragile and can break easily, be sure to install the DIM module carefully.



Note: Since static electricity can damage sensitive electronic parts, be careful when installing a DIM module.

To prevent damage from static electricity, be sure to wear a wristband, or similar static protection device when installing the memory module. If no wristband is available, please touch the PL/PS-B unit's metal chassis prior to installing the module to stabilize your body's electrical potential.

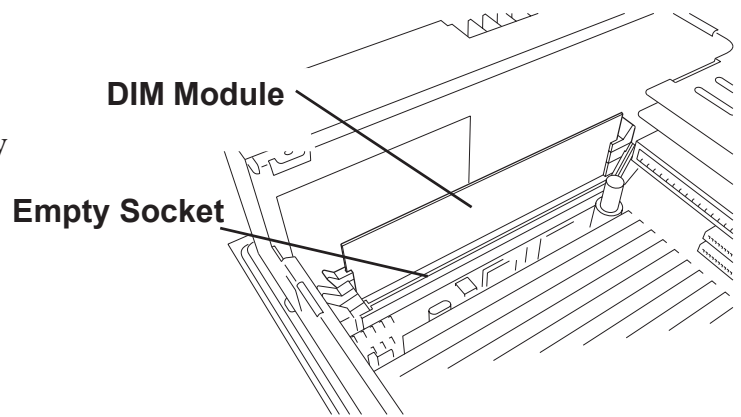
◆ To Install the DIM Module

1) Remove the PL/PS-B unit's cover.

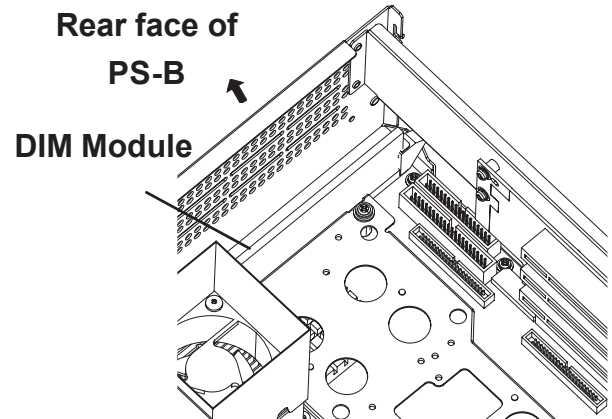
▼Reference▲ 1. Removing the Cover.

2) Install the DIM module in the empty socket.

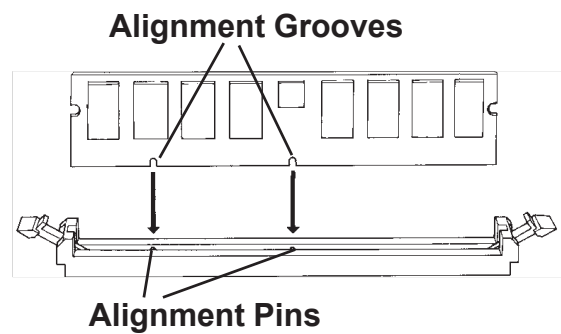
<For PL>



<For PS-B>

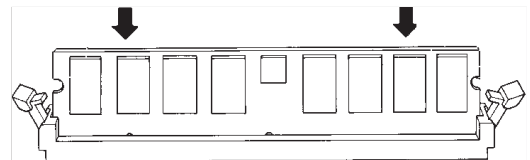


3) Position the Alignment Grooves so that they fit the Alignment Pins.

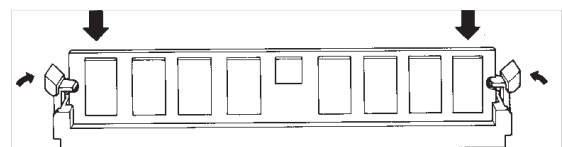


4) Insert the DIM module into the socket.

5) Push the DIM module down until the ejector tabs lock.

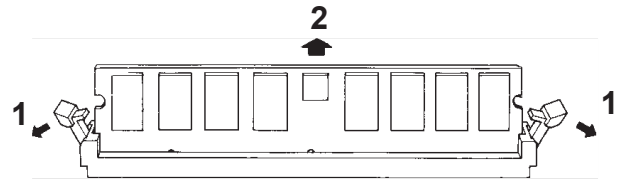


6) Replace the PS-B unit's cover and reattach all four (4) attachment screws. The torque should be 0.6 to 0.8 N•m. If you used only the maintenance cover, replace that cover and fasten the its (2) attachment screws. The torque should be 0.5 to 0.6 N•m.



◆ **To Remove the DIM Module**

1) **To remove a module, press down on the socket's ejector tabs (see diagram's arrow 1).**



2) **Lift the module up. (see diagram's arrow 2)**

Note

Please be aware that Digital Electronics Corporation shall not be held liable by the user for any damages, losses, or third party claims arising from the uses of this product.

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